

The 8-Fold Symmetry of Life Requires One Gauge Boson for 2 Fermiboson Implementations in E8 Cyclic Universe Theory

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Abstract: The boson count of 8 for the cyclic universe theory includes 4 massless gauge bosons. These must be assigned 1 for 2 fermiboson force implementations, 1 for a big bang force and 1 each for the graviton and photon.

For a total gauge boson count¹ of 8 (the 8-fold symmetry of life), The 4 massive bosons are 2 W, a Z, and an H. The 4 massless gauge bosons are 1 for both the spin 0 and spin 1 fermibosonic entities taken together, 1 for big bang implementation and 1 each for the the graviton and photon.

Providing only 1 gauge boson for 2 fermibosonic forces is similar to that of electromagnetism and the photon with the electric force and the magnetic force. It has been used in nature, so it should not surprise us to find it used again.

1. George R. Briggs, "Correction of an error results in a 248-different particle E8 symmetry universe rather than a 252-particle universe", viXra 1507.0203, (2015).